

Interference

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	((solenoid coil) and pull\$3 and hold\$3 and capacitor and contact).clm.	US-PGPUB	OR	ON	2007/10/11 09:46
L2	0	((solenoid coil) and pull\$3 and hold\$3 and contact).clm.	US-PGPUB	OR	ON	2007/10/11 09:46
L5	23	((solenoid coil) and pull\$3 and hold\$3 and contact\$3 and short\$3).clm.	US-PGPUB	OR	ON	2007/10/11 09:48

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	148	(circuit adj breaker or interrupter or contactor) with (transistor scr semiconductor) with current near (sens\$3 detect\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/10 11:22
S2	3	(circuit adj breaker or interrupter or contactor) with (transistor scr semiconductor) with current near (sens\$3 detect\$3) with second near (transistor scr semiconductor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/20 20:52
S3	50	(solenoid coil relay) with transistor with current near (sens\$3 detect\$3) with second near transistor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/20 20:53
S4	12	"5,094,333"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 10:22
S5	7	"5,568,025"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 10:24
S6	16	"4,536,818"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 10:29
S7	6	"5,156,227"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 10:31
S8	5	"6,367,719"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 11:31

EAST Search History

S9	41	"4,937,697"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 11:03
S10	1	10/575,464	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 11:04
S11	7	"5,416,665"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 11:48
S12	7	circuit near breaker with contact with transistor with arc	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 11:50
S13	1	circuit near breaker with contact near arc with transistor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 11:50
S14	2	circuit near breaker with contact near3 arc with transistor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 11:51
S15	2	circuit near breaker same contact near3 arc with transistor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 11:52
S16	7213782	circuit near breaker same contact near3 arc prevent\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 11:52

EAST Search History

S17	267	circuit near breaker same contact near3 arc with prevent\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 11:52
S18	0	circuit near breaker same contact near3 arc with prevent\$3 same transistor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 11:52
S19	3	circuit near breaker same contact near3 arc with prevent\$3 and transistor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 11:55
S20	3	circuit near breaker same contact near3 arc with (prevent\$3 shunt\$3) and transistor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 11:56
S21	340	circuit near breaker same contact near3 arc with (prevent\$3 shunt\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 11:56
S22	88	circuit near breaker same contact near3 arc with shunt\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 11:57
S23	0	circuit near breaker same contact near3 arc with shunt\$3 same transistor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 11:57
S24	1	circuit near breaker same contact near3 arc with shunt\$3 and transistor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 11:58

EAST Search History

S25	6	circuit near breaker and contact near3 arc with shunt\$3 and transistor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 11:58
S26	3	("4658320" "5517378" "5536980").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/21 12:12
S27	6	("5652688").URPN.	USPAT	OR	ON	2007/08/21 12:15
S28	0	cascode with transistro with capacitor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 14:44
S29	517	cascode with transistor with capacitor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 14:45
S30	115	cascode with transistor with capacitor with gate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 14:45
S31	1	cascode with transistor with capacitor with gate with delay	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 14:46
S32	2	high near side with transistor with capacitor with gate with delay	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 14:47
S33	4	("5381044" "5534814" "5539352" "5923210").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/21 14:54
S34	5	("6169431").URPN.	USPAT	OR	ON	2007/08/21 14:58
S35	41	(circuit near breaker interrupter) with reverse near contact	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 15:07

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S36	3928	(circuit near breaker interrupter) with contact with series	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 15:09
S37	253	(circuit near breaker interrupter) with contact with series with normally near closed	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 15:09
S38	124	(circuit near breaker interrupter) with contact near3 series with normally near closed	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 15:10
S39	66	(circuit near breaker interrupter) with contact near3 series near3 normally near closed	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 15:55
S40	0	11/575,464	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 15:23
S41	1	10/575,464	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 15:23
S42	3	(circuit near breaker interrupter) with contact near3 series near3 normally near closed with (start reclos\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 16:01
S43	10	(circuit near breaker interrupter) with contact near3 series near3 normally near closed same (start reclos\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 16:14

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S44	30	(circuit near breaker interrupter) same contact near3 series near3 normally near closed same start	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 16:25
S45	8	"6,157,152"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 16:16
S46	105	(circuit near breaker interrupter) and contact near3 series near3 normally near closed same start	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 17:36
S47	0	circuit near breaker and contact near3 series with normally near3 closed	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 20:43
S48	522	circuit near breaker and contact near3 series with normally near3 closed	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/22 12:28
S49	217	circuit near breaker and contact near3 series with normally near3 closed with (coil solenoid)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 20:44
S50	0	circuit near breaker and contact near3 series with normally near3 closed with (coil solenoid) with transistor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 20:44
S51	27	(circuit near breaker relay) and contact near3 series with normally near3 closed with (coil solenoid) with transistor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/22 11:29

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S52	54	(circuit near breaker relay) and contact with normally near closed with parallel with transistor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/22 13:06
S53	1	(circuit near breaker relay) and contact with normally near closed with bypass\$3 near3 transistor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/22 12:11
S54	5	"5912158"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/22 12:29
S55	6	"5912168"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/22 12:30
S56	0	"359012168"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/22 12:30
S57	7	"5,416,665"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/22 14:40
S58	0	10/574,464	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/22 14:41
S59	1	10/575,464	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/22 14:43

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S60	9	"6,169,431"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/22 14:43
S61	1	10/575,464	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/30 13:53
S62	7	"5,416,665"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/30 13:53
S63	7	("4854920" "5072165" "5083273" "5089804" "5094333" "5179496" "5202813").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/30 15:37
S64	498	361/156.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/09 12:58
S65	1	10/575,464	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/09 13:11
S66	726	361/154.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/09 14:25
S67	156	361/155.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/09 17:28
S68	1074	361/160.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/10 11:22

EAST Search History

S69	0	((solenoid coil) and pull\$3 and hold\$3 and capacitor and contact).clm.	US-PGPUB	OR	ON	2007/10/11 09:46
S70	0	((solenoid coil) and pull\$3 and hold\$3 and contact).clm.	US-PGPUB	OR	ON	2007/10/11 09:46
S71	23	((solenoid coil) and pull\$3 and hold\$3 and contact\$3 and short\$3).clm.	US-PGPUB	OR	ON	2007/10/11 09:48